

FIG. - 1

FIG. -2A
(Prior Art)

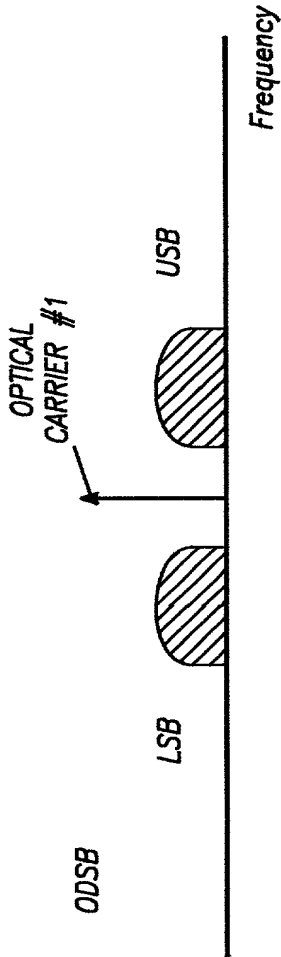


FIG. -2B
(Prior Art)

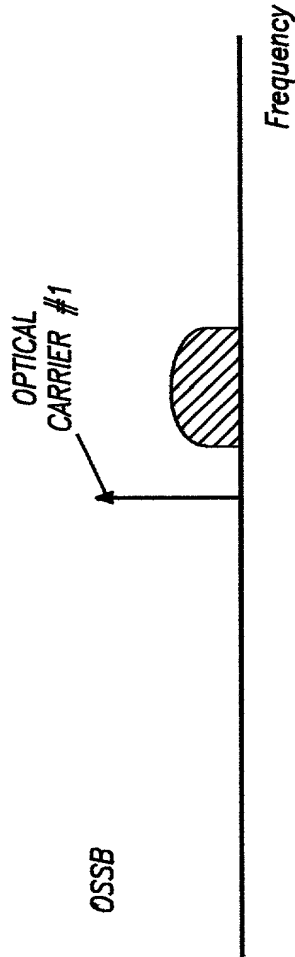


FIG. -2C
(Prior Art)

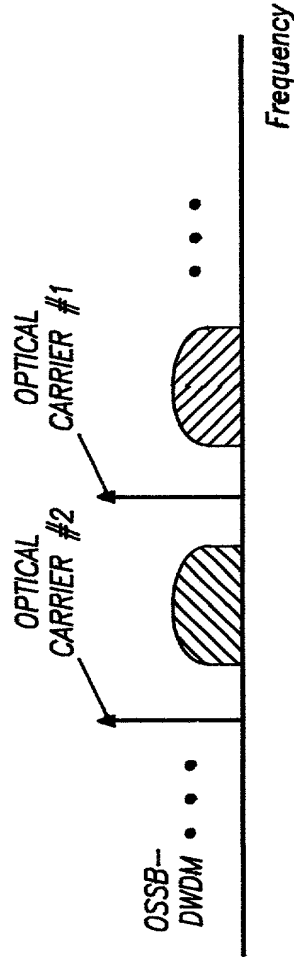
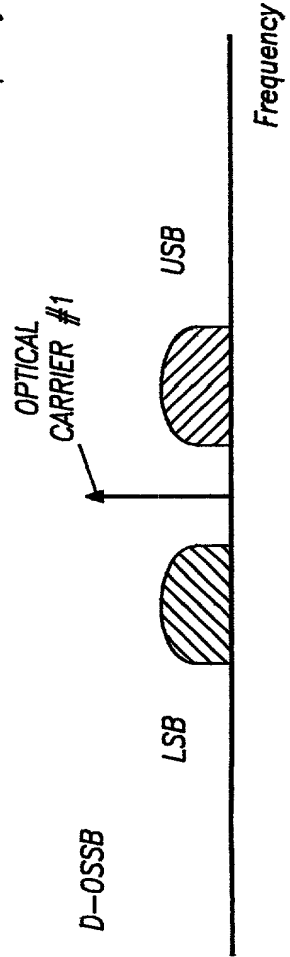
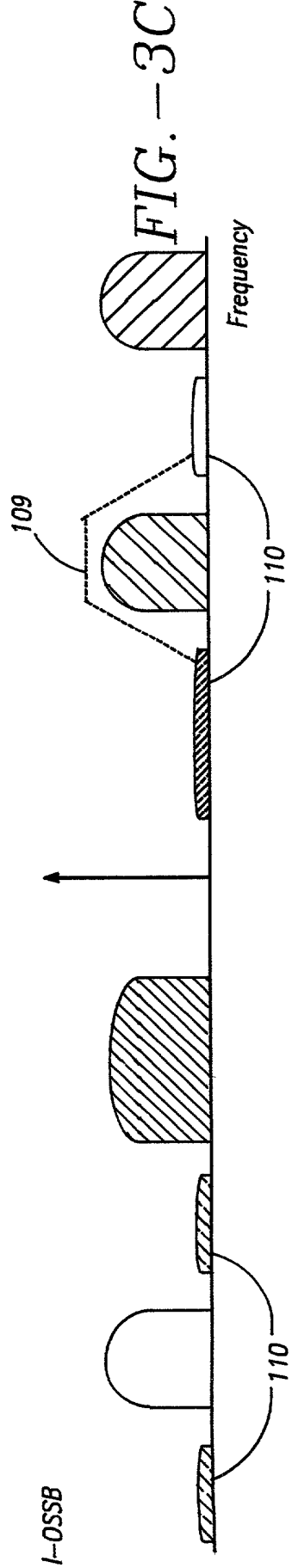
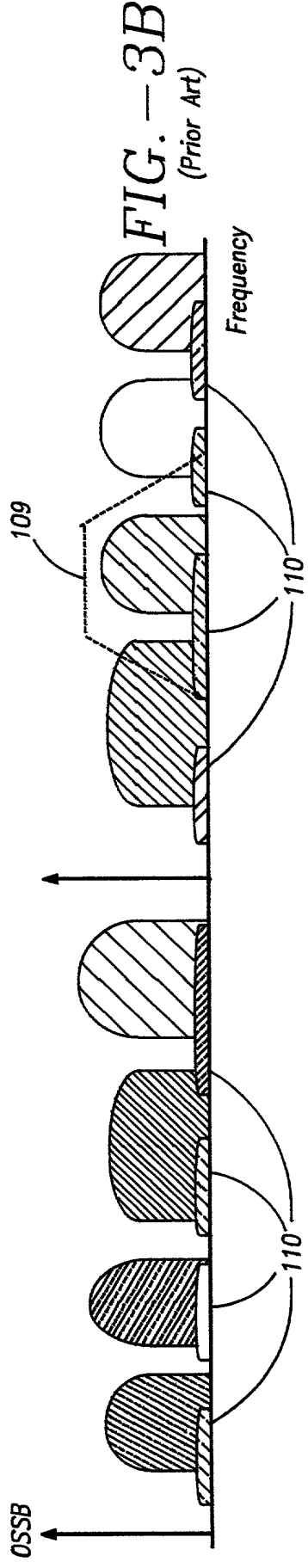
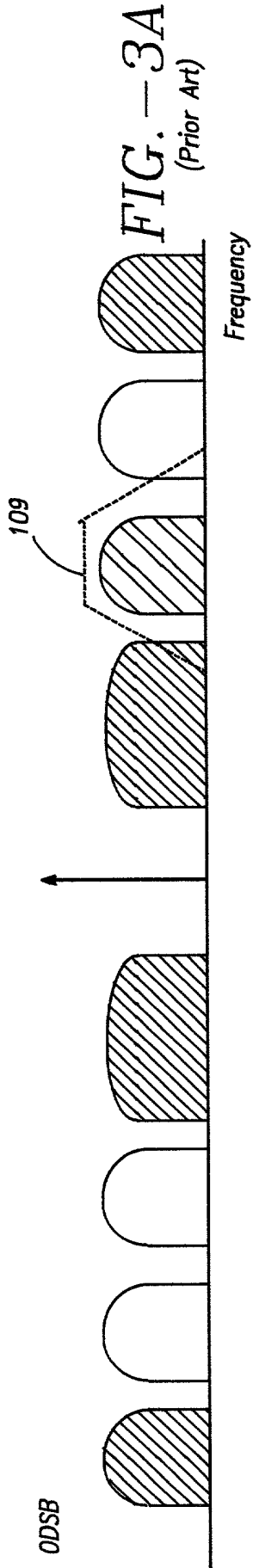


FIG. -2D





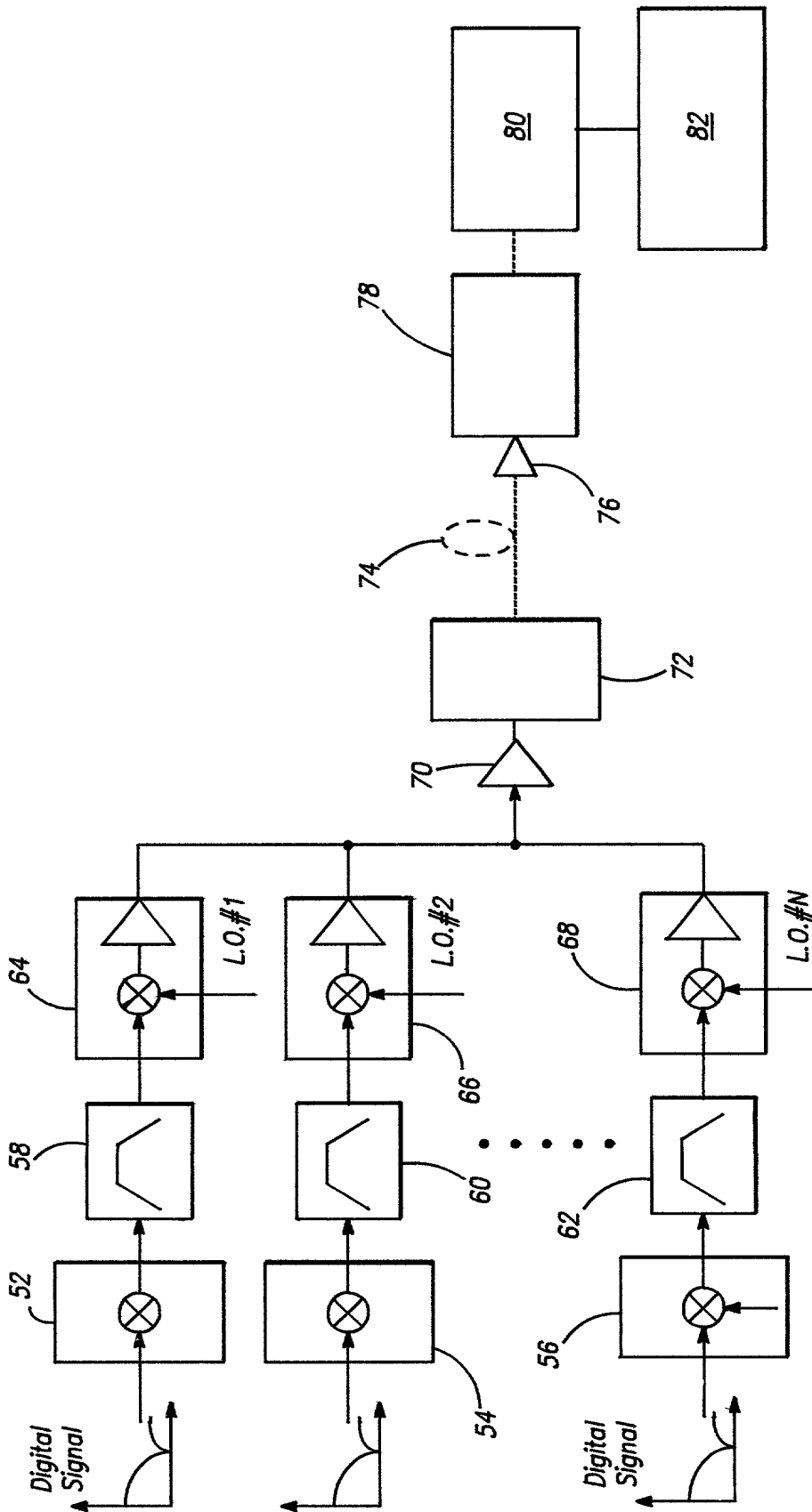


FIG. -4A

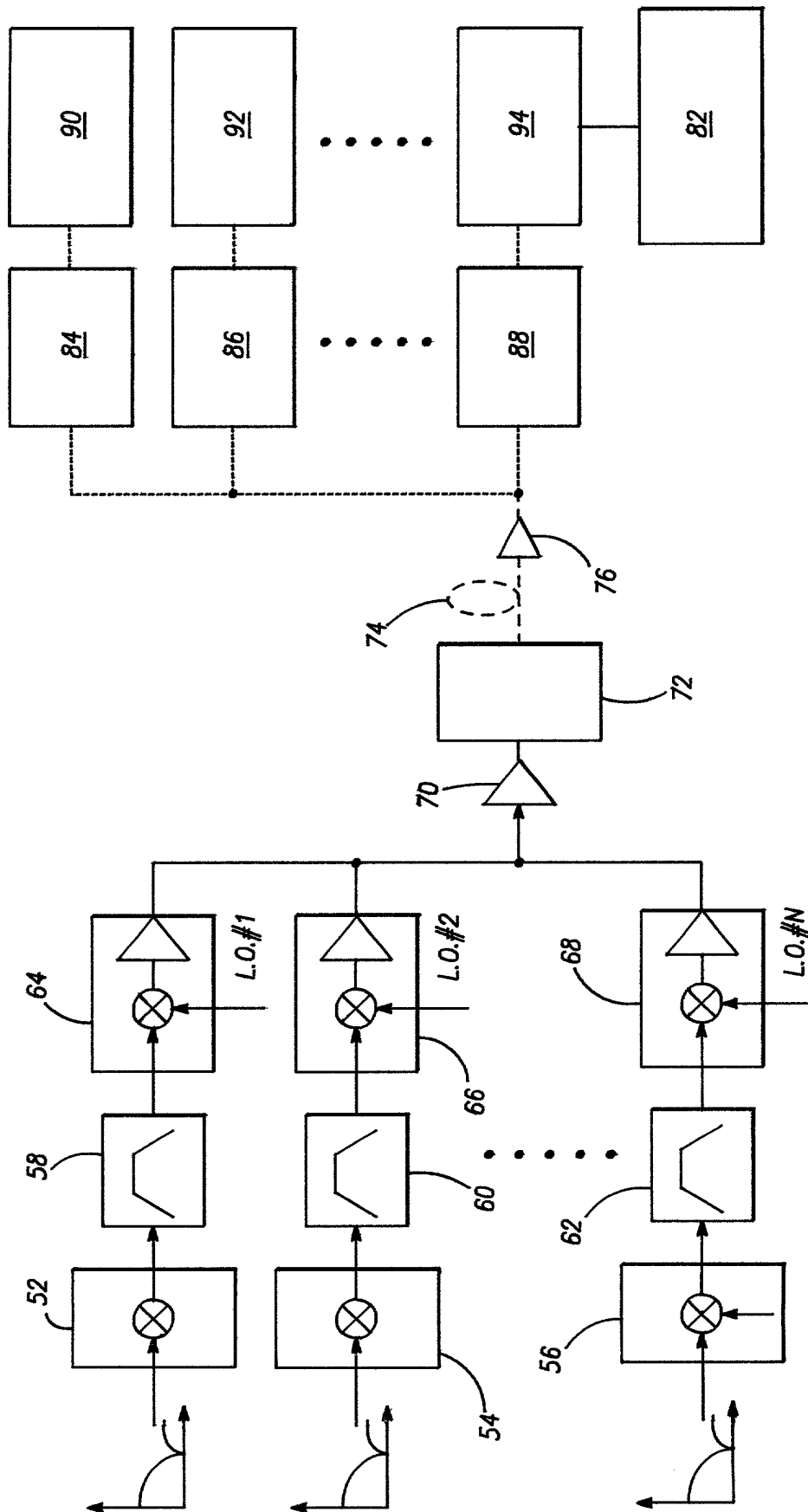


FIG. -4B

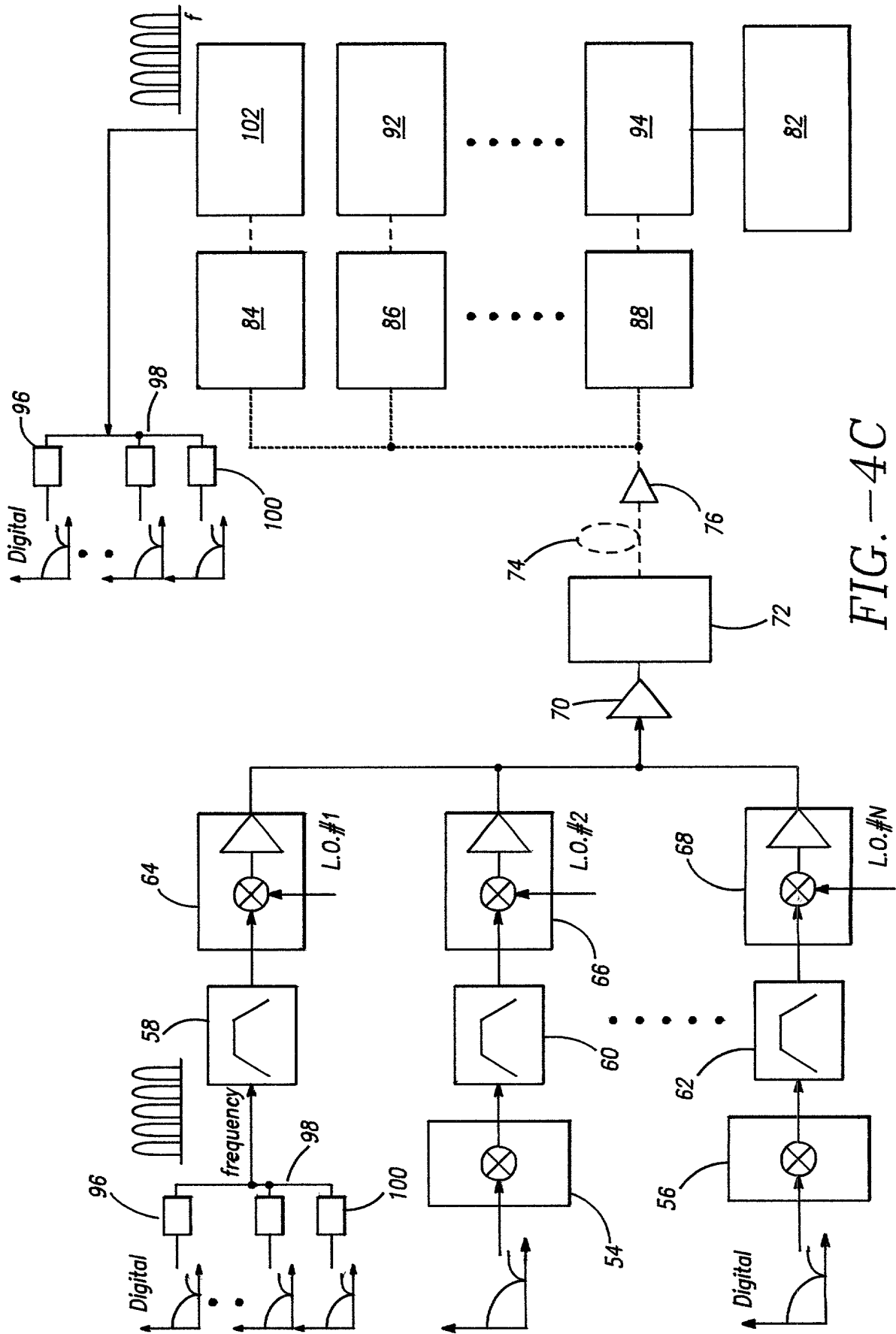


FIG. —4C

FIG. 5A is a schematic diagram of a device 104. The device 104 includes an input port 106, a first DC block 108, a second DC block 108, and an output port 108. The input port 106 is connected to the first DC block 108, which is connected to the second DC block 108, which is connected to the output port 108. The device 104 is configured to receive an input signal λ_{IN} and output a signal λ_{OUT} . The input signal λ_{IN} is received at the input port 106, passes through the first DC block 108, the second DC block 108, and is output at the output port 108. The input signal λ_{IN} is received at the input port 106, passes through the first DC block 108, the second DC block 108, and is output at the output port 108. The input signal λ_{IN} is received at the input port 106, passes through the first DC block 108, the second DC block 108, and is output at the output port 108.

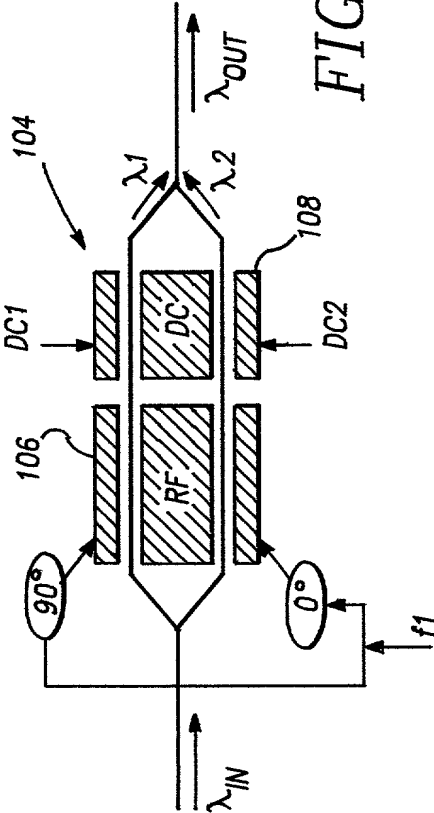


FIG. -5A

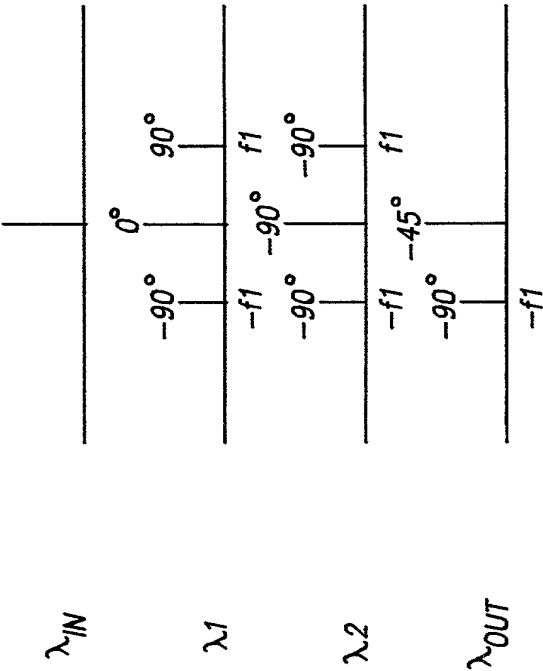
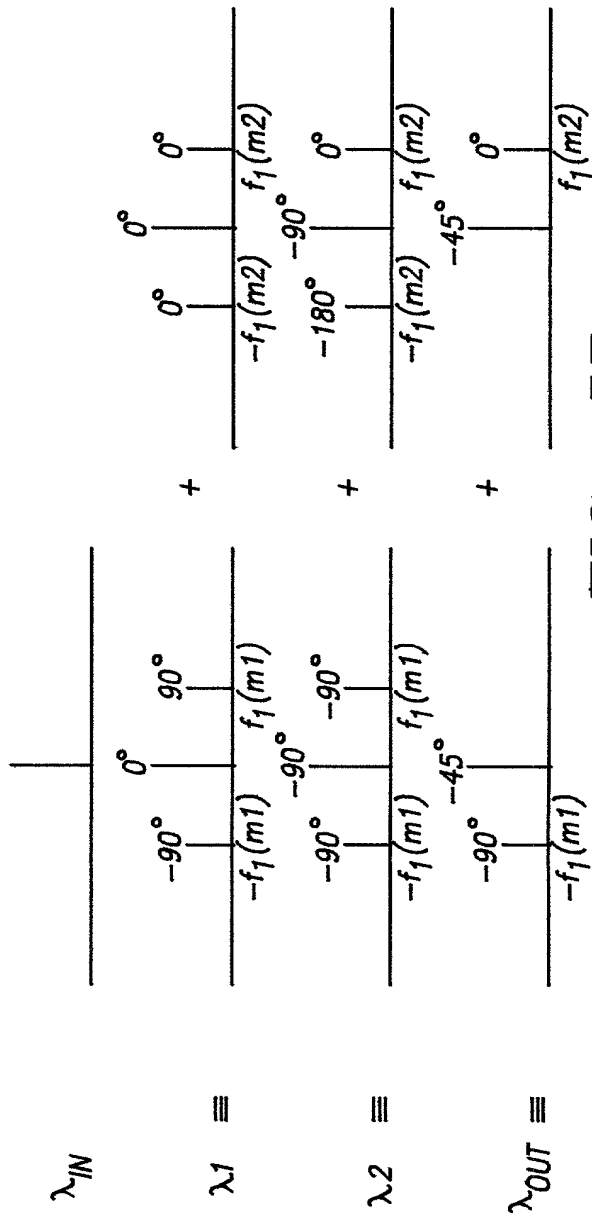
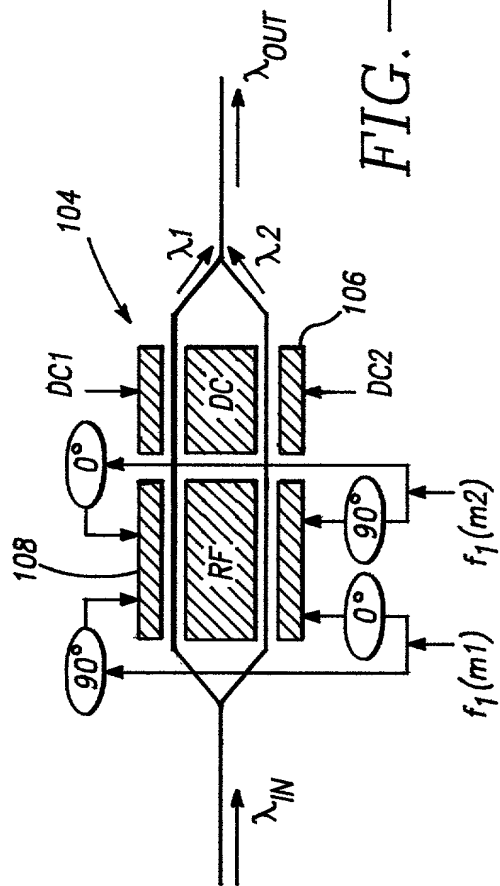


FIG. -5B



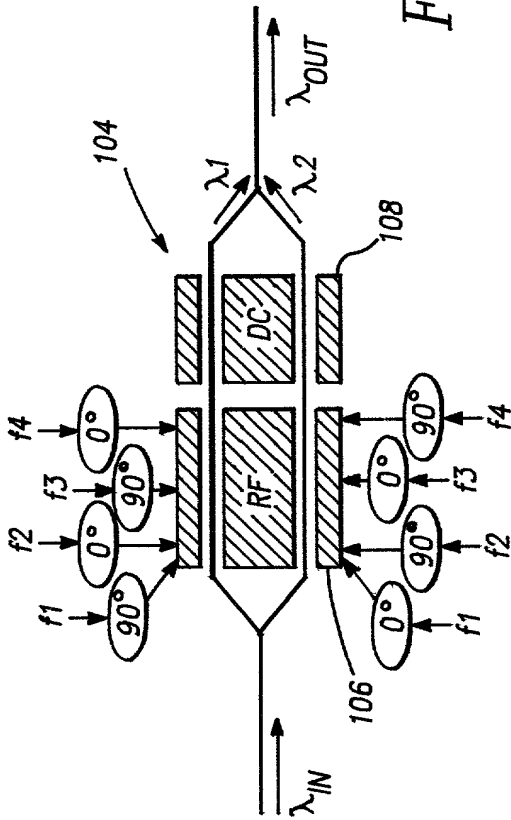
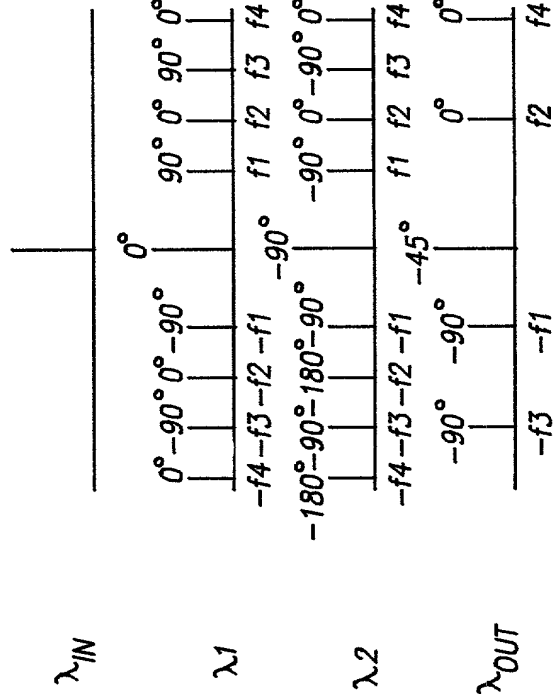


FIG. -6A



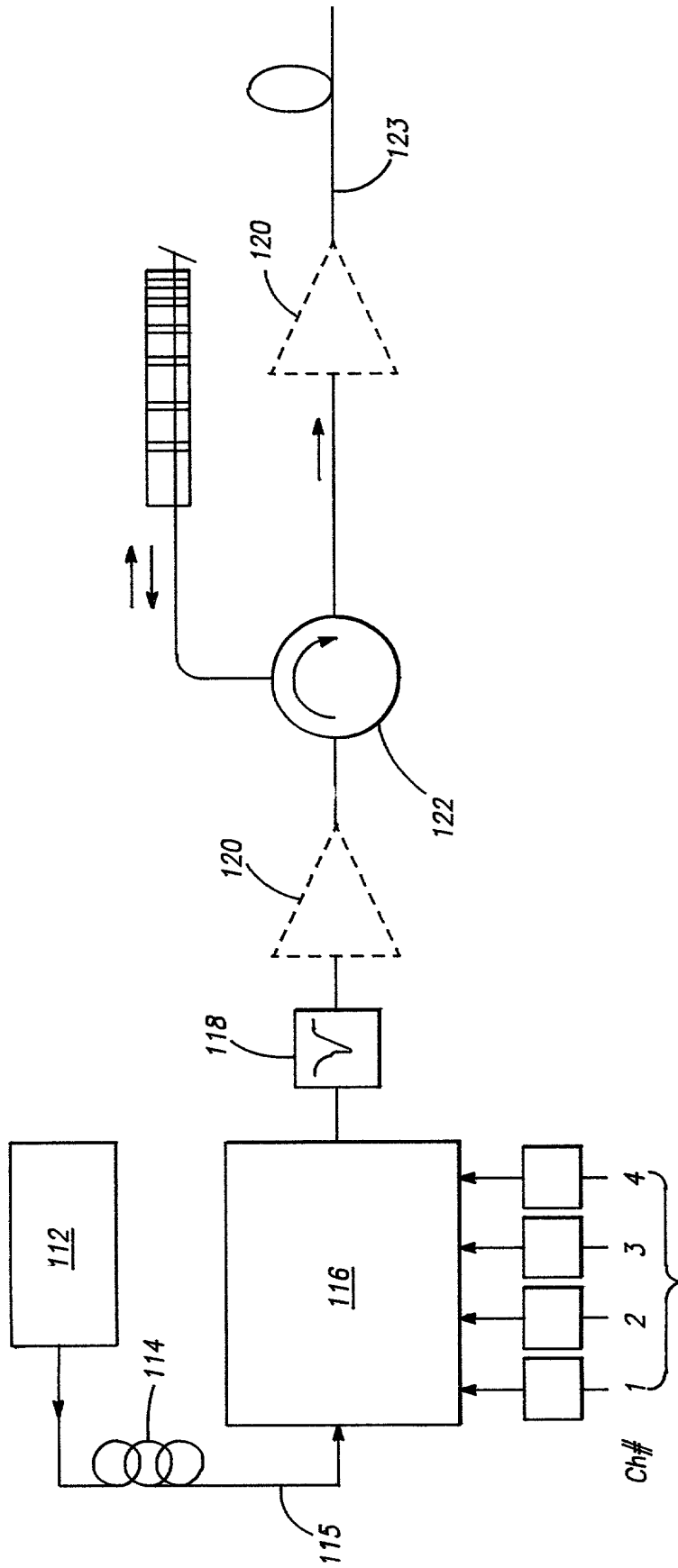


FIG. - 7

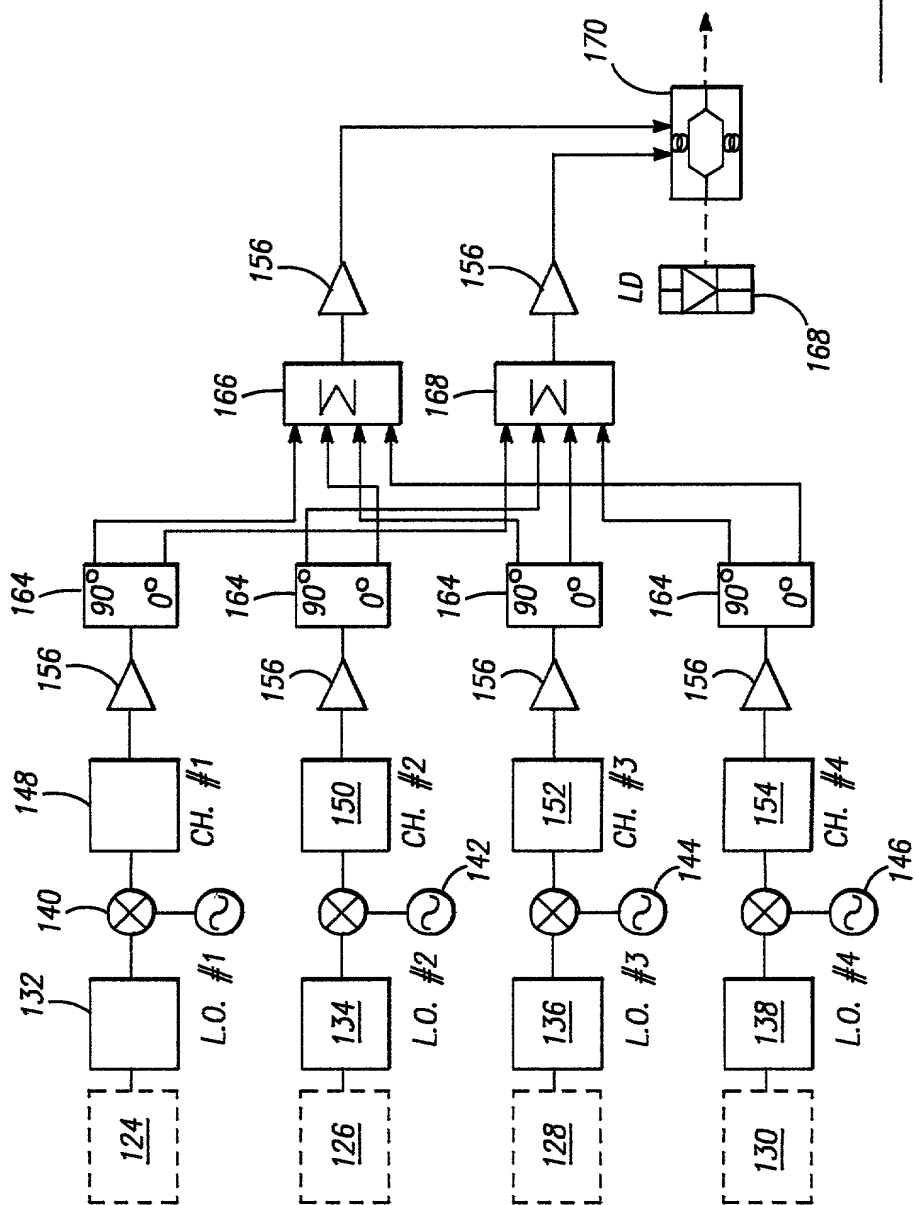


FIG.—8

— Optical path

- - - Electrical path

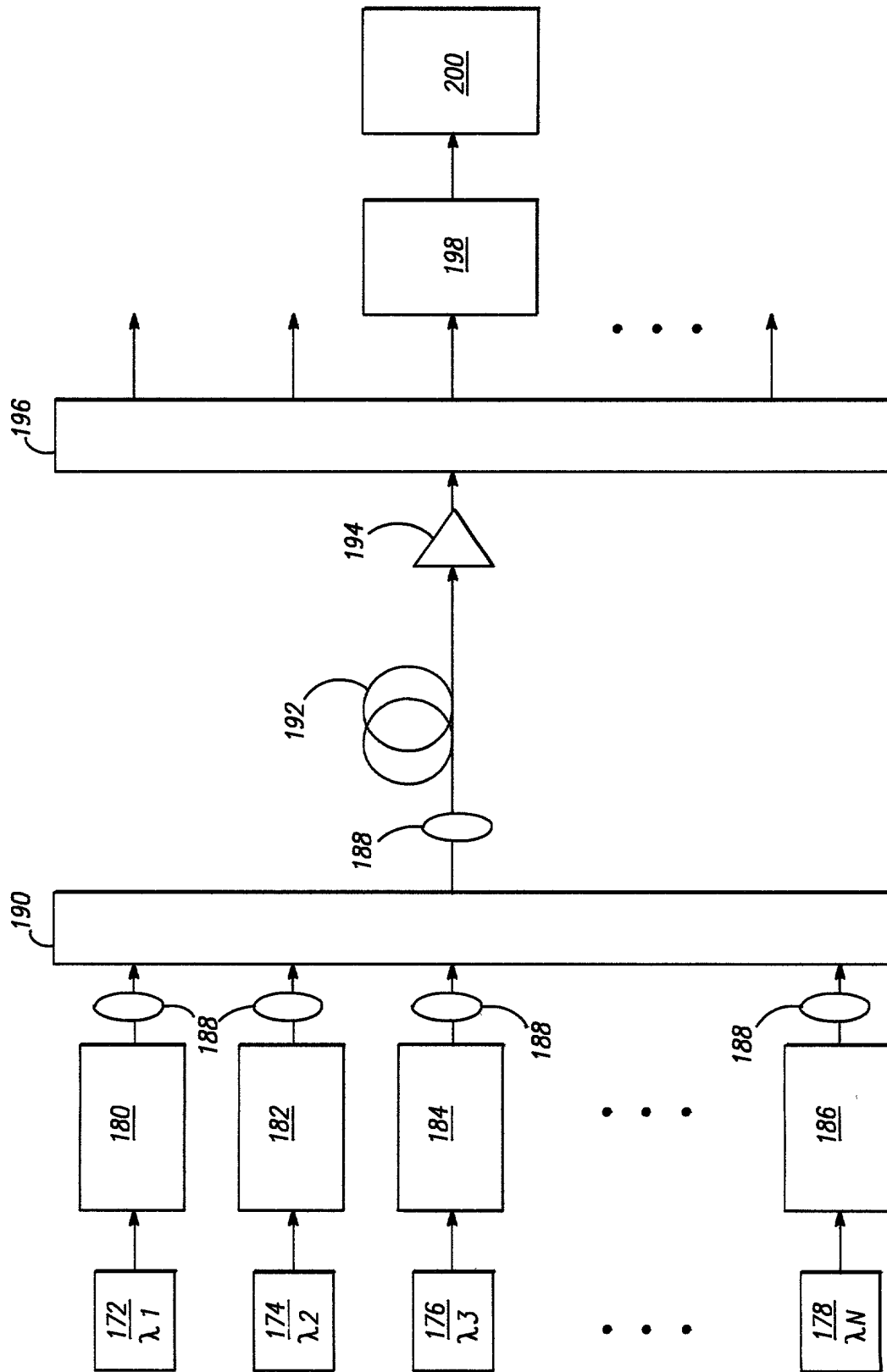


FIG. - 9

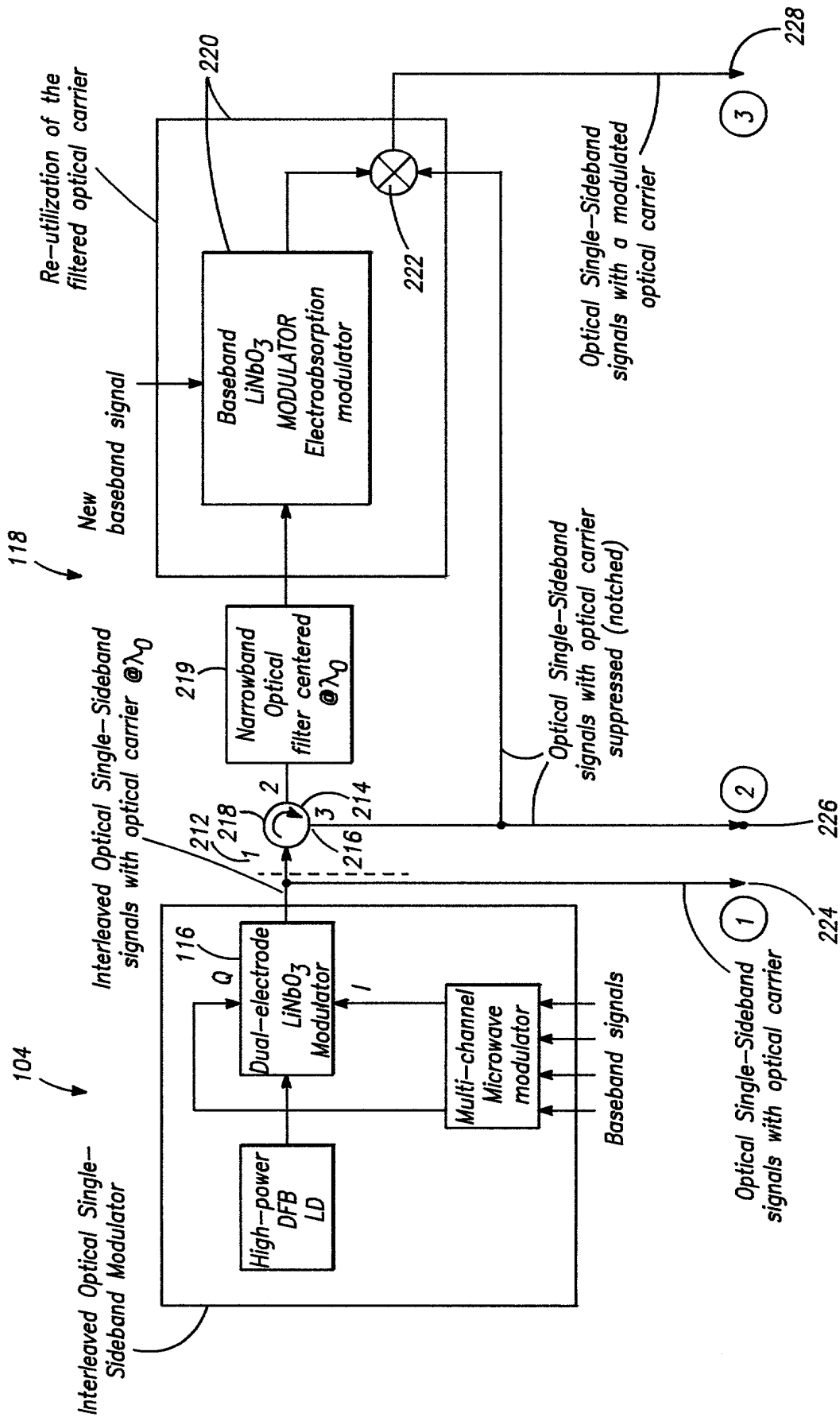


FIG. -10

Two detection methods for the three output signals from FIG.-1

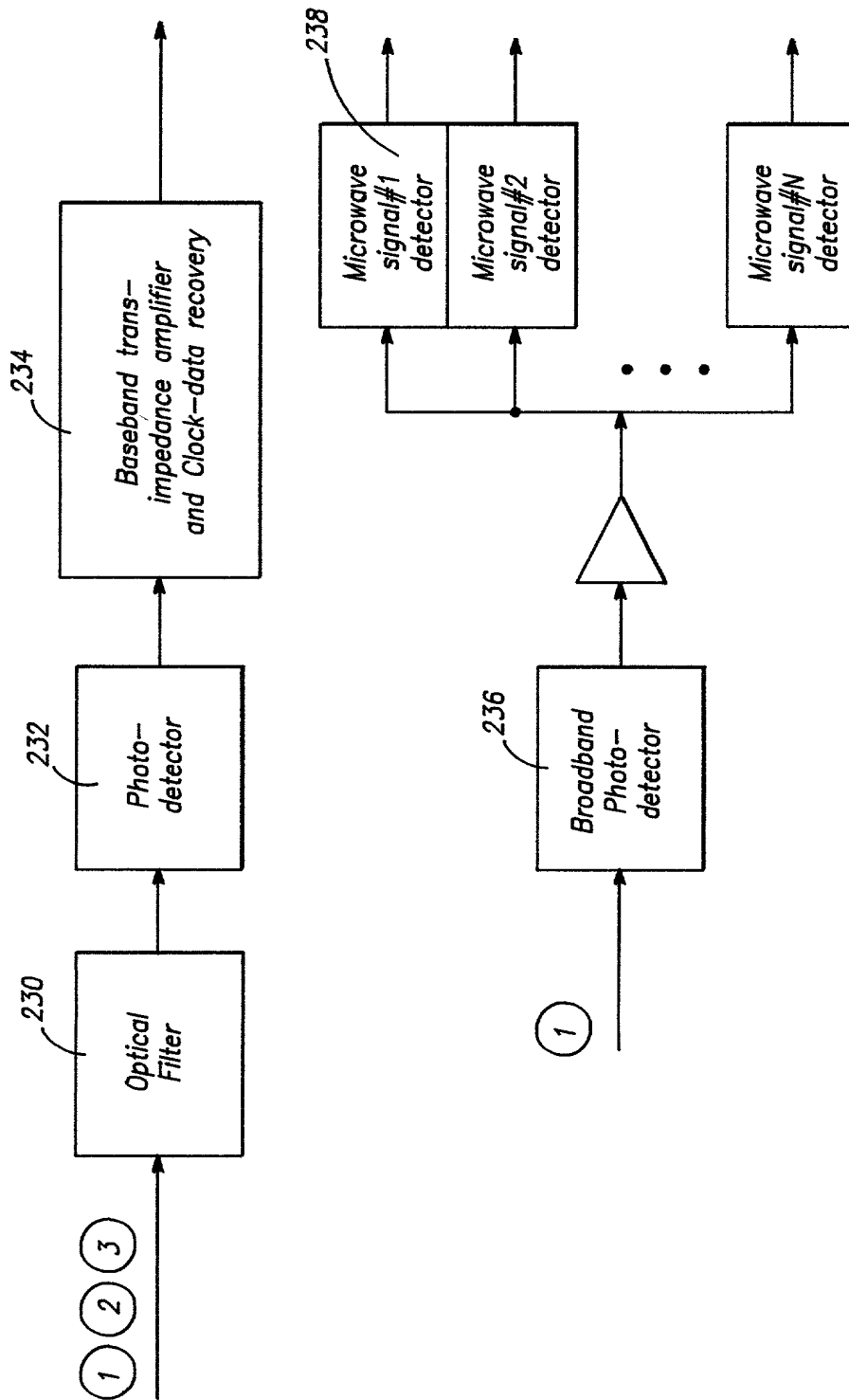


FIG.-11

Interleaved Optical Single-Sideband Modulator
With a differential baseband signal combining
with 0°/90° microwave signals using directional couplers

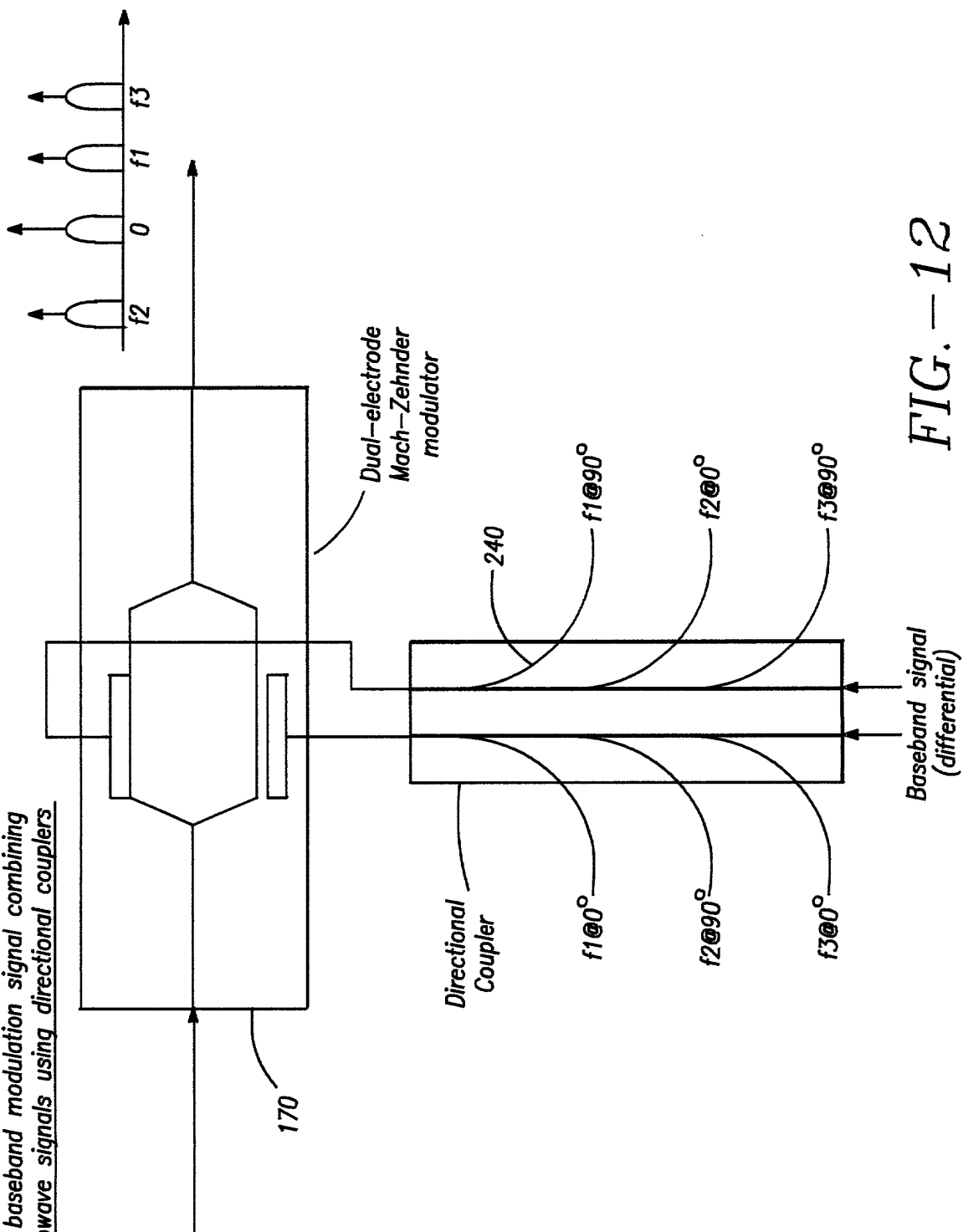


FIG. - 12